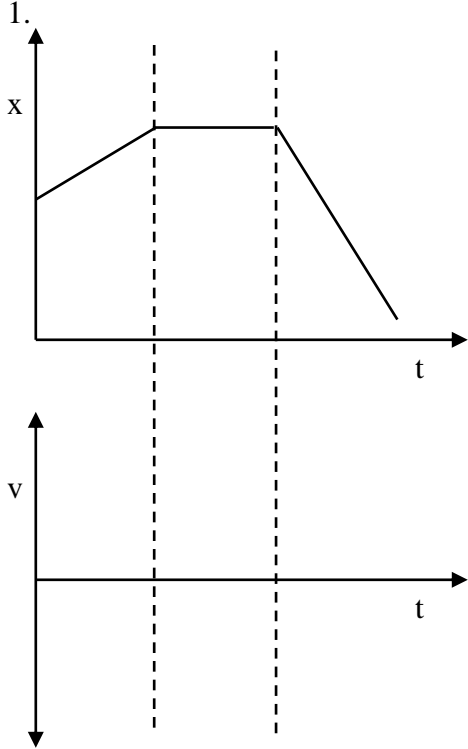


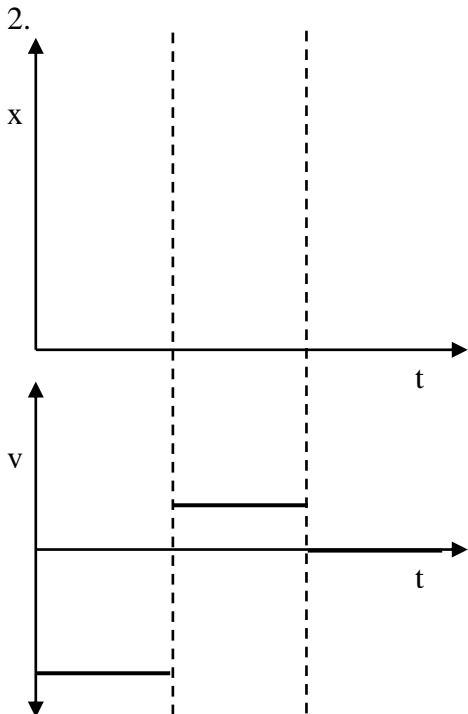
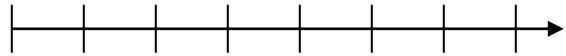
Constant Velocity Particle Model Worksheet 5: Multiple Representations of Motion

Given one motion representation, supply the missing motion representations.



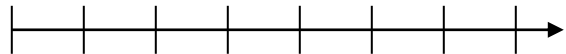
Written description:

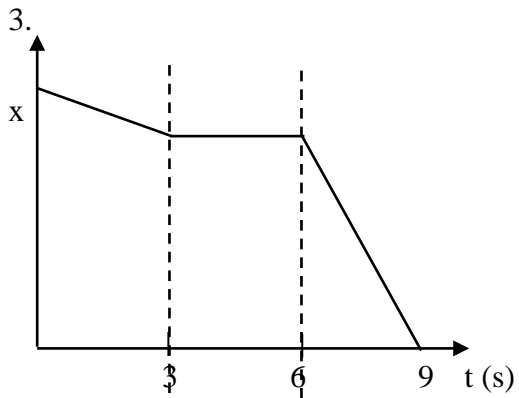
Motion map:



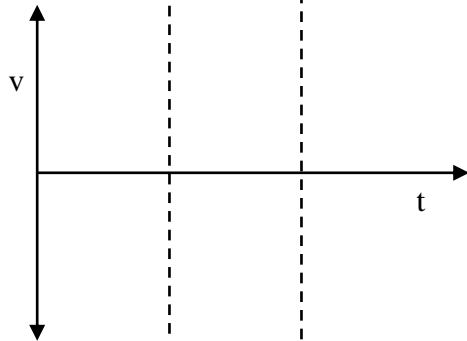
Written description:

Motion map:

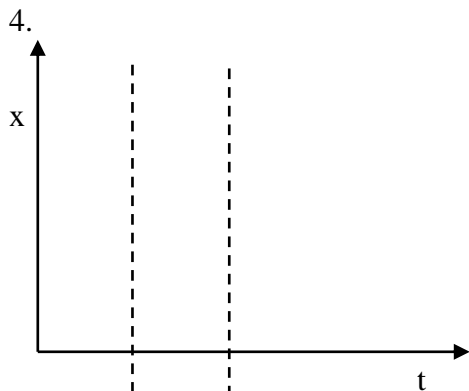
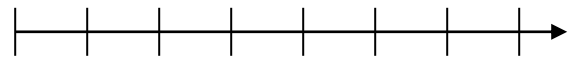




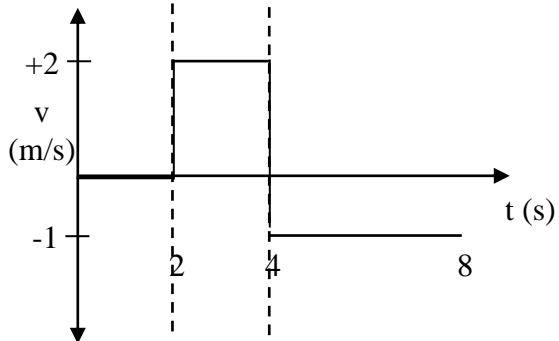
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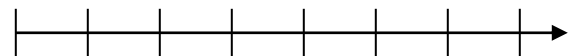
Motion map:

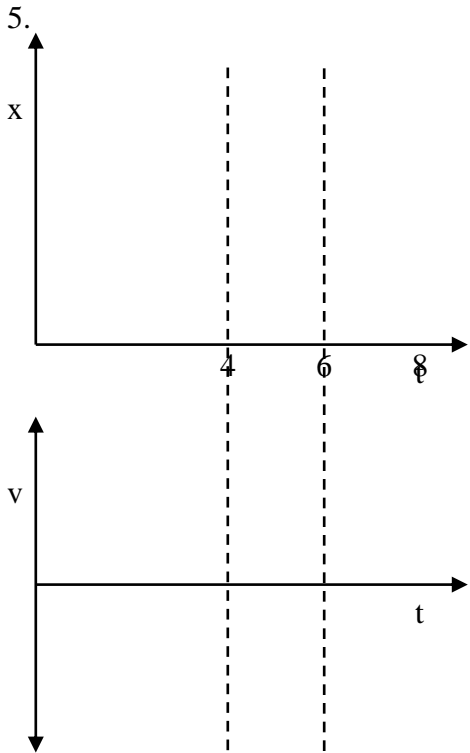


Written description:



Motion map:

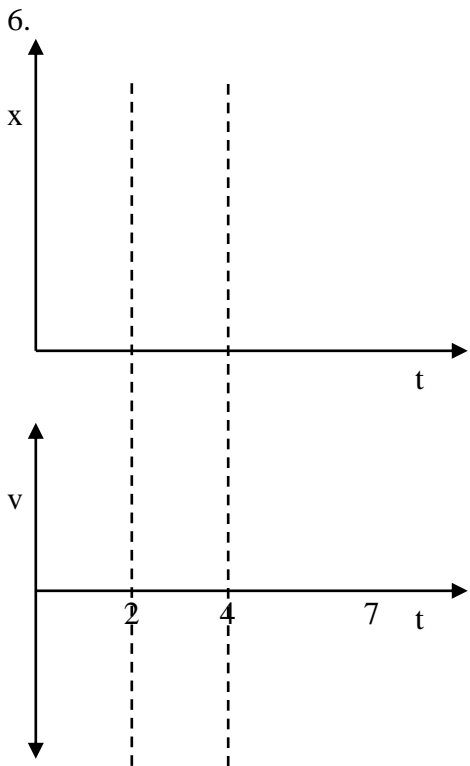
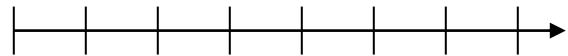




Written description:

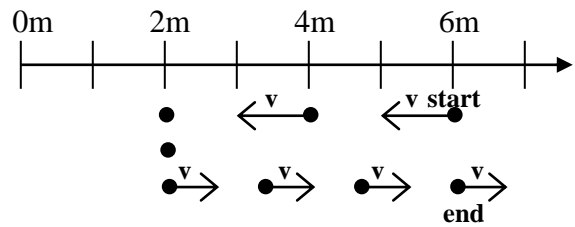
Object moves with constant positive velocity for 4 seconds. Then, it stops for 2 seconds and returns to the initial position in 2 seconds.

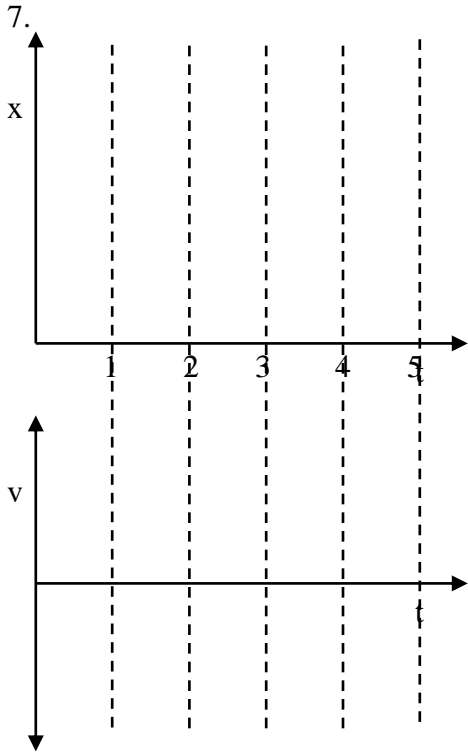
Motion map:



Written description:

Motion map: $\Delta t = 1$ s

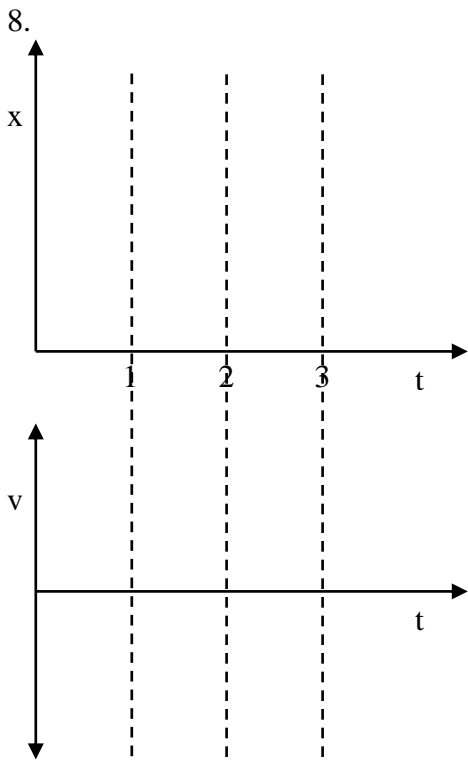
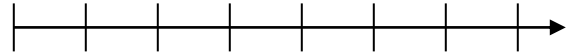




Written description:

Object A starts 10m to the right of the zero position and moves to the left at 2 m/s.
 Object B starts at the zero position and moves to the right at 3 m/s.

Motion map:



Written description:

*Both objects begin moving at $t = 0$.

